

ABSTRACT OF THE INVENTION

1 A sealing device for a sulfur trap includes a float, a counterweight, and a cleaning rod. The
2 density of the sealing device allows flotation of the device in molten sulfur. The
3 counterweight includes a surface to mate with an upwardly extending hollow cylinder in the
4 sulfur trap through which molten sulfur may flow. The sealing device engages the upwardly
5 extending cylinder in a first position and floats in the molten sulfur contained in an upper
6 chamber of the sulfur trap in a second position. The cleaning rod and counterweight contact
7 the sides of the upwardly extending cylinder to prevent buildup of solid sulfur.